



10 30 50
CGCCCAGCCGCGCCTCCAAGCCCCCTGAGGTTTCCGGGGACCACAATGAACAAGTTGCTG
M N K L L
70 90 110
TGCTGCGCGCTCGTGTCTTCTGGACATCTCCATTAAGTGGACCACCCAGGAAACGTTTCCT
C C A L V F L D I S I K W T T Q E T F P
130 150 170
CCAAAGTACCTTCATTATGACGAAGAAACCTCTCATCAGCTGTTGTGTGACAAATGTCCT
P K Y L H Y D E E T S H Q L L C D K C P
190 210 230
CCTGGTACCTACCTAAAACAACACTGTACAGCAAAGTGAAGACCGTGTGCGCCCCCTTGC
P G T Y L K Q H C T A K W K T V C A P C
250 270 290
CCTGACCACTACTACACAGACAGCTGGCACACCAGTGACGAGTGTCTATACTGCAGCCCC
P D H Y Y T D S W H T S D E C L Y C S P
310 330 350
GTGTGCAAGGAGCTGCAGTACGTCAAGCAGGAGTGCAATCGCACCCACAACCGCGTGTGC
V C K E L Q Y V K Q E C N R T H N R V C
370 390 410
GAATGCAAGGAAGGGCGCTACCTTGAGATAGAGTTCTGCTTGAAACATAGGAGCTGCCCT
E C K E G R Y L E I E F C L K H R S C P
430 450 470
CCTGGATTTGGAGTGGTGCAAGCTGGAACCCAGAGCGAAATACAGTTTGCAAAAGATGT
P G F G V V Q A G T P E R N T V C K R C
490 510 530
CCAGATGGGTCTTCTCAAATGAGACGTCATCTAAAGCACCCCTGTAGAAAACACACAAAT
P D G F F S N E T S S K A P C R K H T N
550 570 590
TGCAGTGTCTTTGGTCTCCTGCTAACTCAGAAAGGAAATGCAACACACGACAACATATGT
C S V F G L L L T Q K G N A T H D N I C
610 630 650
TCCGGAAACAGTGAATCAACTCAAAAATGTGGAATAGATGTTACCCTGTGTGAGGAGGCA
S G N S E S T Q K C G I D V T L C E E A
670 690 710
TTCTTCAGGTTTGTGTTCTTACAAAGTTTACGCCTAACTGGCTTAGTGTCTTGGTAGAC
F F R F A V P T K F T P N W L S V L V D
730 750 770
AATTTGCCTGGCACCAAAGTAAACGCAGAGAGTGTAGAGAGGATAAAACGGCAACACAGC
N L P G T K V N A E S V E R I K R Q H S
790 810 830
TCACAAGAACAGACTTTCCAGCTGCTGAAGTTATGGAAACATCAAAAACAAAGACCAAGAT
S Q E Q T F Q L L K L W K H Q N K D Q D
850 870 890
ATAGTCAAGAAGATCATCCAAGATATTGACCTCTGTGAAAACAGCGTGCAGCGGCACATT
I V K K I I Q D I D L C E N S V Q R H I
910 930 950
GGACATGCTAACCTCACCTTCGAGCAGCTTCGTAGCTTGATGGAAAGCTTACCGGGAAAG
G H A N L T F E Q L R S L M E S L P G K
970 990 1010
AAAGTGGGAGCAGAAGACATTGAAAAACAATAAAGGCATGCAAACCCAGTGACCAGATC
K V G A E D I E K T I K A C K P S D Q I
1030 1050 1070
CTGAAGCTGCTCAGTTTGTGGCGAATAAAAAATGGCGACCAAGACACCTTGAAGGGCCTA
L K L L S L W R I K N G D Q D T L K G L
1090 1110 1130
ATGCACGCACTAAAGCACTCAAAGACGTACCCTTTCCCAAACTGTCACTCAGAGTCTA

FIGURE 1(A)



M H A L K H S K T Y H F P K T V T Q S L
1150 1170 1190
AAGAAGACCATCAGGTTCCCTTCACAGCTTCACAATGTACAAATTGTATCAGAAGTTATTT
K K T I R F L H S F T M Y K L Y Q K L F
1210 1230 1250
TTAGAAATGATAGGTAACCAGGTCCAATCAGTAAAAATAAGCTGCTTATAACTGGAAATG
L E M I G N Q V Q S V K I S C L *
1270 1290 1310
GCCATTGAGCTGTTTCCTCACAATTGGCGAGATCCCATGGATGAGTAAACTGTTTCTCAG
1330 1350 1370
GCACTTGAGGCTTTCAGTGATATCTTTCTCATTACCAGTGACTAATTTTGCCACAGGGTA
1390 1410 1430
CTAAAAGAACTATGATGTGGAGAAAGGACTAACATCTCCTCCAATAAACCCCAAATGGT
1450 1470 1490
TAATCCAACGTGTCAGATCTGGATCGTTATCTACTGACTATATTTTCCCTTATTACTGCTT
1510
GCAGTAATTCAACTGGAAAAAAAAAAAA

FIGURE 1(B)

